Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

docum	ents given to ASX become ASX's propert	y and may be made public.
Introduce	ed 01/07/96 Origin: Appendix 5 Amended 01/07/9	8, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12
Name o	of entity	
Mille	nnium Minerals Limited	
ABN		
85 00	03 257 556	
We (t	he entity) give ASX the followin	g information.
Part	1 - All issues	
	ust complete the relevant sections (attac	h sheets if there is not enough space).
1	*Class of *securities issued or to be issued	
	be issued	Ordinary Shares issued
2	Number of *securities issued or to be issued (if known) or	
	maximum number which may	630,000
	be issued	
3	Principal terms of the	
	*securities (eg, if options,	N/A
	exercise price and expiry date; if partly paid *securities, the	
	amount outstanding and due	
	dates for payment; if	
	⁺ convertible securities, the conversion price and dates for	
	conversion)	

⁺ See chapter 19 for defined terms.

4	Do the *securities rank equally in all respects from the date of allotment with an existing *class of quoted *securities?	Yes
	 If the additional securities do not rank equally, please state: the date from which they do the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment 	
	 the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 	
5	Issue price or consideration	\$0.03
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Exercising of Listed Options expiring 5 January 2013 @ 3,0 cents
6a	Is the entity an *eligible entity that has obtained security holder approval under rule 7.1A?	N/A
	If Yes, complete sections 6b – 6h in relation to the *securities the subject of this Appendix 3B, and comply with section 6i	
6b	The date the security holder resolution under rule 7.1A was passed	N/A
6c	Number of *securities issued without security holder approval under rule 7.1	N/A

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⁺ See chapter 19 for defined terms.

6d	Number of *securities issued with security holder approval under rule 7.1A	N/A	
6е	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	N/A	
6f	Number of securities issued under an exception in rule 7.2	N/A	
6g	If securities issued under rule 7.1A, was issue price at least 75% of 15 day VWAP as calculated under rule 7.1A.3? Include the issue date and both values. Include the source of the VWAP calculation.	N/A	
6h	If securities were issued under rule 7.1A for non-cash consideration, state date on which valuation of consideration was released to ASX Market Announcements	N/A	
6i	Calculate the entity's remaining issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1 and release to ASX Market Announcements	N/A	
7	Dates of entering *securities into uncertificated holdings or despatch of certificates	22 October 2012	
_		Number	+Class
8	Number and *class of all *securities quoted on ASX (including the securities in section 2 if applicable)	3,942,144,221	Ordinary Fully paid shares Listed Options Exercise Expiry
		67,522,043 1,498,984,339	7.5 cents 28/2/2013 3.0 cents 5/1/2013

⁺ See chapter 19 for defined terms.

9	Number and +class of all
	*securities not quoted on ASX
	(including the securities in
	section 2 if applicable)

Number	+Class
25,000,000 Options	Exercise Expiry 3.25cents 31/12/2014

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

Not applicable

Part 2 - Bonus issue or pro rata issue

- Is security holder approval N/A 11 required?
- Is the issue renounceable or non-N/A 12 renounceable?
- Ratio in which the *securities N/A 13 will be offered
- ⁺Class of ⁺securities to which the N/A 14 offer relates
- ⁺Record date determine N/A 15 to entitlements
- 16 Will holdings on different N/A registers (or subregisters) be aggregated calculating for entitlements?
- Policy for deciding entitlements 17 in relation to fractions
- 18 Names of countries in which the N/A entity has +security holders who will not be sent new issue documents

entitlements are to be dealt with.

Note: Security holders must be told how their

Cross reference: rule 7.7.

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⁺ See chapter 19 for defined terms.

19	Closing date for receipt of acceptances or renunciations	N/A
20	Names of any underwriters	N/A
21	Amount of any underwriting fee or commission	N/A
22	Names of any brokers to the issue	N/A
23	Fee or commission payable to the broker to the issue	N/A
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of *security holders	N/A
25	If the issue is contingent on *security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled	N/A
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders	N/A
28	Date rights trading will begin (if applicable)	N/A
29	Date rights trading will end (if applicable)	N/A
30	How do *security holders sell their entitlements <i>in full</i> through a broker?	N/A

⁺ See chapter 19 for defined terms.

Appendix	3B
New issue	announcement

31	How do *security holders sell part of their entitlements through a broker and accept for the balance?
32	How do *security holders dispose of their entitlements (except by sale through a broker)?
33	⁺ Despatch date N/A
	3 - Quotation of securities ed only complete this section if you are applying for quotation of securities
34	Type of securities (tick one)
(a)	Securities described in Part 1
(b)	All other securities Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities
Entiti	es that have ticked box 34(a)
Addit	ional securities forming a new class of securities
Tick to docume	indicate you are providing the information or ents
35	If the *securities are *equity securities, the names of the 20 largest holders of the additional *securities, and the number and percentage of additional *securities held by those holders
36	If the *securities are *equity securities, a distribution schedule of the additional *securities setting out the number of holders in the categories 1 - 1,000 1,001 - 5,000 5,001 - 100,000 100,001 - 100,000 100,001 and over
37	A copy of any trust deed for the additional *securities

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⁺ See chapter 19 for defined terms.

Entitio	es that have ticked box 34(b)		
38	Number of securities for which †quotation is sought		
39	Class of *securities for which quotation is sought		
	quecution to ocugin		
40	Do the *securities rank equally in all respects from the date of allotment with an existing *class of quoted *securities?		
	If the additional securities do not rank equally, please state: • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment		
41	Reason for request for quotation now Example: In the case of restricted securities, end of restriction period		
	(if issued upon conversion of another security, clearly identify that other security)		
		Number	+Class
42	Number and *class of all *securities quoted on ASX (<i>including</i> the securities in clause 38)	Number	+Class

⁺ See chapter 19 for defined terms.

Quotation agreement

- ⁺Quotation of our additional ⁺securities is in ASX's absolute discretion. ASX may quote the ⁺securities on any conditions it decides.
- 2 We warrant the following to ASX.
 - The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
 - There is no reason why those *securities should not be granted *quotation.
 - An offer of the *securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any *securities to be quoted and that no-one has any right to return any *securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the *securities be quoted.
- If we are a trust, we warrant that no person has the right to return the
 +securities to be quoted under section 1019B of the Corporations Act at
 the time that we request that the +securities be quoted.
- We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before [†]quotation of the [†]securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here: Date: 22 October 2012

(Company secretary)

Print name: Pierre Malherbe

== == == ==

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⁺ See chapter 19 for defined terms.

Appendix 3B – Annexure 1

Calculation of placement capacity under rule 7.1 and rule 7.1A for †eligible entities

Introduced 01/08/12

Part 1

Rule 7.1 – Issues exceeding 15% of capital		
Step 1: Calculate "A", the base figure from which the placement capacity is calculated		
Insert number of fully paid ordinary securities on issue 12 months before date of issue or agreement to issue	N/A	
 Add the following: Number of fully paid ordinary securities issued in that 12 month period under an exception in rule 7.2 	N/A	
 exception in rule 7.2 Number of fully paid ordinary securities issued in that 12 month period with shareholder approval 		
Number of partly paid ordinary securities that became fully paid in that 12 month period		
 Note: Include only ordinary securities here – other classes of equity securities cannot be added Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items 		
Subtract the number of fully paid ordinary securities cancelled during that 12 month period	N/A	
"A"	N/A	

⁺ See chapter 19 for defined terms.

"B"	0.15	
	[Note: this value cannot be changed]	
Multiply "A" by 0.15	N/A	
Step 3: Calculate "C", the amount of 7.1 that has already been used	of placement capacity under rule	
Insert number of equity securities issued or agreed to be issued in that 12 month period not counting those issued:	N/A	
 Under an exception in rule 7.2 		
Under rule 7.1A		
 With security holder approval under rule 7.1 or rule 7.4 		
 Note: This applies to equity securities, unless specifically excluded – not just ordinary securities Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items 		
"C"	N/A	
Step 4: Subtract "C" from ["A" x "E placement capacity under rule 7.1	3"] to calculate remaining	
"A" x 0.15	N/A	
Note: number must be same as shown in Step 2		
Subtract "C"	N/A	
Note: number must be same as shown in Step 3		
Total ["A" x 0.15] – "C"	N/A	
	[Note: this is the remaining placement capacity under rule 7.1]	

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⁺ See chapter 19 for defined terms.

Part 2

Rule 7.1A – Additional placement capacity for eligible entities Step 1: Calculate "A", the base figure from which the placement capacity is calculated	
Note: number must be same as shown in Step 1 of Part 1	
Step 2: Calculate 10% of "A"	
"D"	0.10
	Note: this value cannot be changed
Multiply "A" by 0.10	
Step 3: Calculate "E", the amount of placement capacity under rule 7.1A that has already been used	
 Insert number of equity securities issued or agreed to be issued in that 12 month period under rule 7.1A Notes: This applies to equity securities – not just ordinary securities Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed 	N/A
 Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained It may be useful to set out issues of securities on different dates as separate line items 	N/A

⁺ See chapter 19 for defined terms.

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A	
"A" x 0.10	N/A
Note: number must be same as shown in Step 2	
Subtract "E"	N/A
Note: number must be same as shown in Step 3	
Total ["A" x 0.10] – "E"	N/A
	Note: this is the remaining placement capacity under rule 7.1A

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⁺ See chapter 19 for defined terms.